PCP Configuration Mode Commands

The Port Control Protocol Service Configuration Mode is used to manage Port Control Protocol (PCP) service related configurations.

**Important**

This configuration mode is customer specific. For more information, contact your Cisco account representative.

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**Command Modes**

Exec > ACS Configuration > Port Control Protocol Service Configuration

`active-charging service service_name > pcp-service service_name`

Entering the above command sequence results in the following prompt:

```
[local] host_name(config-pcp-service)#
```

**Important**

The commands or keywords/variables that are available are dependent on platform type, product version, and installed (s).

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- exit, page 3
- policy-control, page 4
- server, page 5
end

Exits the current configuration mode and returns to the Exec mode.

Product

All

Privilege

Security Administrator, Administrator

Syntax Description

dend

Usage Guidelines

Use this command to return to the Exec mode.
exit

Exits the current mode and returns to the parent configuration mode.

Product

All

Privilege

Security Administrator, Administrator

Syntax Description

exit

Usage Guidelines

Use this command to return to the parent configuration mode.
This command enters the PCP Policy Control Configuration mode to configure policy control parameters for PCP service.

**Important**

This command is customer specific. For more information, contact your Cisco account representative.

**Product**

ACS
NAT
PSF

**Privilege**

Security Administrator, Administrator

**Command Modes**

Exec > ACS Configuration > Port Control Protocol Service Configuration

```
active-charging service service_name > pcp-service service_name
```

Entering the above command sequence results in the following prompt:

```
[local] host_name(config- pcp-service)#
```

**Syntax Description**

```
| default | policy-control
```

**default**

Configures this command with the default setting.

Default: Enabled

**Usage Guidelines**

Use this command to enter the PCP Policy Control Configuration Mode to configure the policy control parameters for the PCP service.

On entering this command, the CLI prompt changes to:

```
[context_name]hostname(config- pcp-policy-control)#
```

Also see the **PCP Policy Control Configuration Mode Commands** chapter.
**server**

Configures the IP address of the PCP server to receive PCP packets.

**Important**

This command is customer specific. For more information, contact your Cisco account representative.

**Product**

ACS  
NAT  
PSF

**Privilege**

Security Administrator, Administrator

**Command Modes**

Exec > ACS Configuration > Port Control Protocol Service Configuration

```plaintext
active-charging service service_name > pcp-service service_name
```

Entering the above command sequence results in the following prompt:

```
[local]host_name(config-pcp-service)#
```

**Syntax Description**

```plaintext
server ipv4-address ipv4_address [ port port_number ]
no server ipv4-address
```

**server ipv4_address**

Specifies the IPv4 address of the server to receive PCP packets.  
*ipv4_address* must be specified using the IPv4 dotted-decimal notation.

**port port_number**

Specifies the UDP port number where PCP Request messages are received by the PCP service.  
*port_number* must be an integer from 1 through 65535.  
Default: 5351

**Usage Guidelines**

Use this command to configure the IPv4 address on which the PCP service will receive PCP packets and the port on which PCP Request messages will be received from the PCP service.
Example

The following command configures the IPv4 address 1.2.3.4 with port number 5351 for the PCP service:

```
server ipv4-address 1.2.3.4 port 5351
```